

## Goat Synaptotagmin I Polyclonal Antibody | anti-SYT1 antibody

Goat anti-Synaptotagmin I Antibody

| CATALOG # | HOST | REACTIVITY                                                                    | APPLICATIONS                              |
|-----------|------|-------------------------------------------------------------------------------|-------------------------------------------|
| AAA61457  | Goat | Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow | Immunohistochemistry, Western Blot, ELISA |

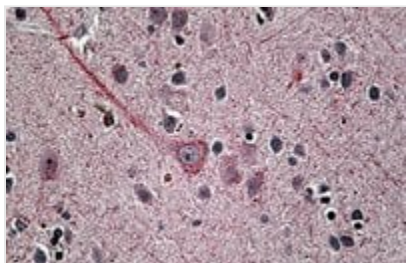
### PRODUCT SYNONYMS

Synaptotagmin I; Polyclonal Antibody; Goat anti-Synaptotagmin I Antibody; synaptotagmin I; DKFZp781D2042; SYT1; P65; SVP65; SYT; synaptotagmin 1; synaptotagmin I antibody; DKFZp781D2042 antibody; SYT1 antibody; P65 antibody; SVP65 antibody; SYT antibody; synaptotagmin 1 antibody; anti-SYT1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                       |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Goat                                                                                                                                  |
| Reactivity                                     | Tested: Human; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow                                                         |
| Clonality                                      | Polyclonal                                                                                                                            |
| Purity/Purification                            | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Form/Format                                    | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.                                       |
| Concentration                                  | 100ug specific antibody in 200ul (varies by lot)                                                                                      |
| Sequence                                       | RDLQSAEKEE QEK                                                                                                                        |
| Sequence Length                                | 422                                                                                                                                   |
| Applicable Applications for anti-SYT1 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)                                                                  |
| Immunogen                                      | Peptide with sequence C-RDLQSAEKEEQEK, from the internal region of the protein sequence according to NP_005630.1.                     |
| Epitope                                        | Internal region                                                                                                                       |
| Note                                           | Reported isoforms NP_005630.1, NP_001129277.1 and NP_001129278.1 represent identical protein.                                         |
| Preparation and Storage                        | Aliquot and store at -20 degree C. Minimize freezing and thawing.                                                                     |

IMAGES



IHC (Immunohiostchemistry)  
3.8ug/ml) staining of paraffin embedded Human Brain. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)  
1ug/ml) staining of Human Hippocampus lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

|                                  |                           |
|----------------------------------|---------------------------|
| NCBI GI #                        | 5032139                   |
| NCBI GeneID                      | 6857                      |
| NCBI Accession #                 | NP_005630.1               |
| NCBI GenBank Nucleotide #        | NM_005639.2               |
| Molecular Weight                 | 47,573 Da                 |
| NCBI Official Full Name          | synaptotagmin-1 isoform 1 |
| NCBI Official Synonym Full Names | synaptotagmin 1           |
| NCBI Official Symbol             | SYT1                      |
| NCBI Official Synonym Symbols    | P65; SYT; SVP65           |
| NCBI Protein Information         | synaptotagmin-1           |
| UniProt Protein Name             | Synaptotagmin-1           |
| UniProt Gene Name                | <b>SYT1</b>               |
| UniProt Synonym Gene Names       | SVP65; SYT; Sytl          |
| UniProt Entry Name               | SYT1_HUMAN                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/synaptotagmin-i-antibody-immunohistochemistry-western-blot-peptide-elisa-elisa/61457>